

FIG. 1

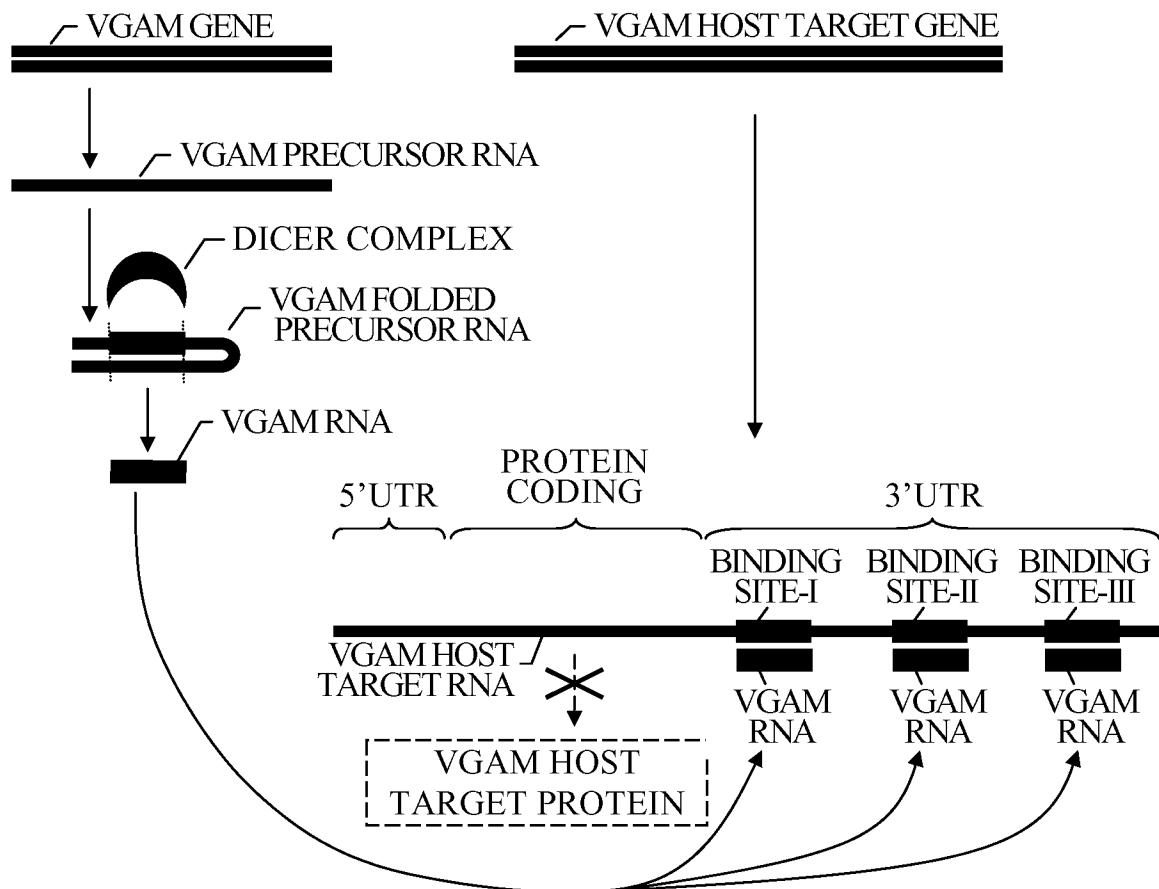
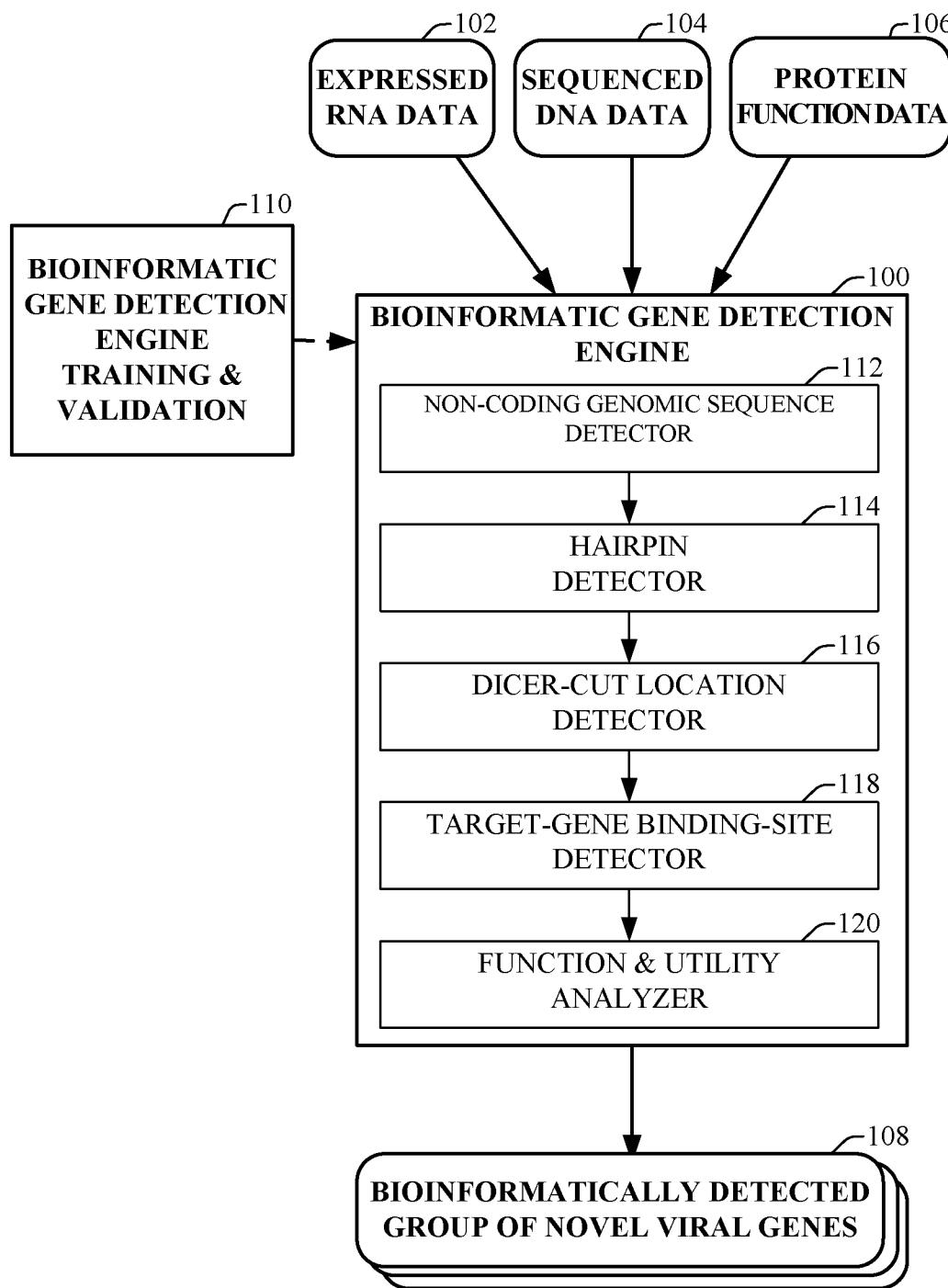


FIG. 2



**FIG. 3**

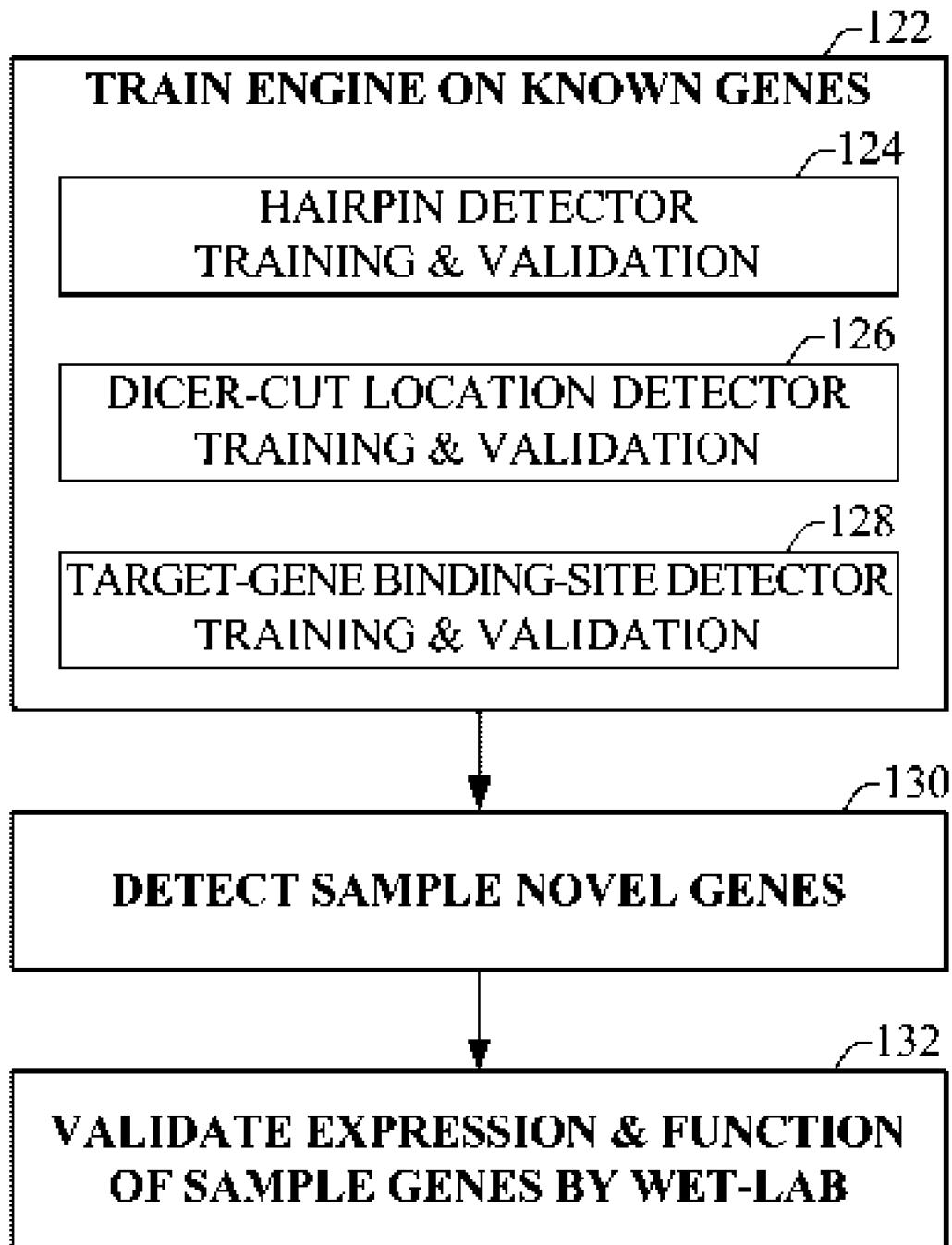


FIG. 4A

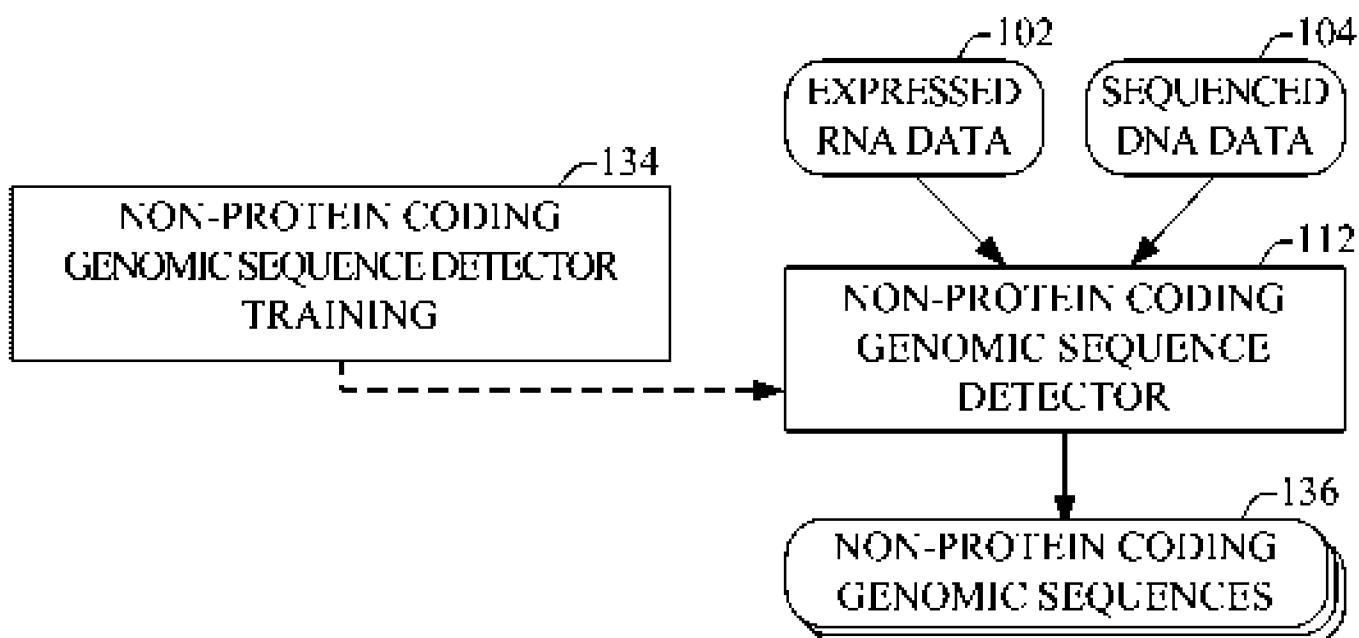


FIG. 4B

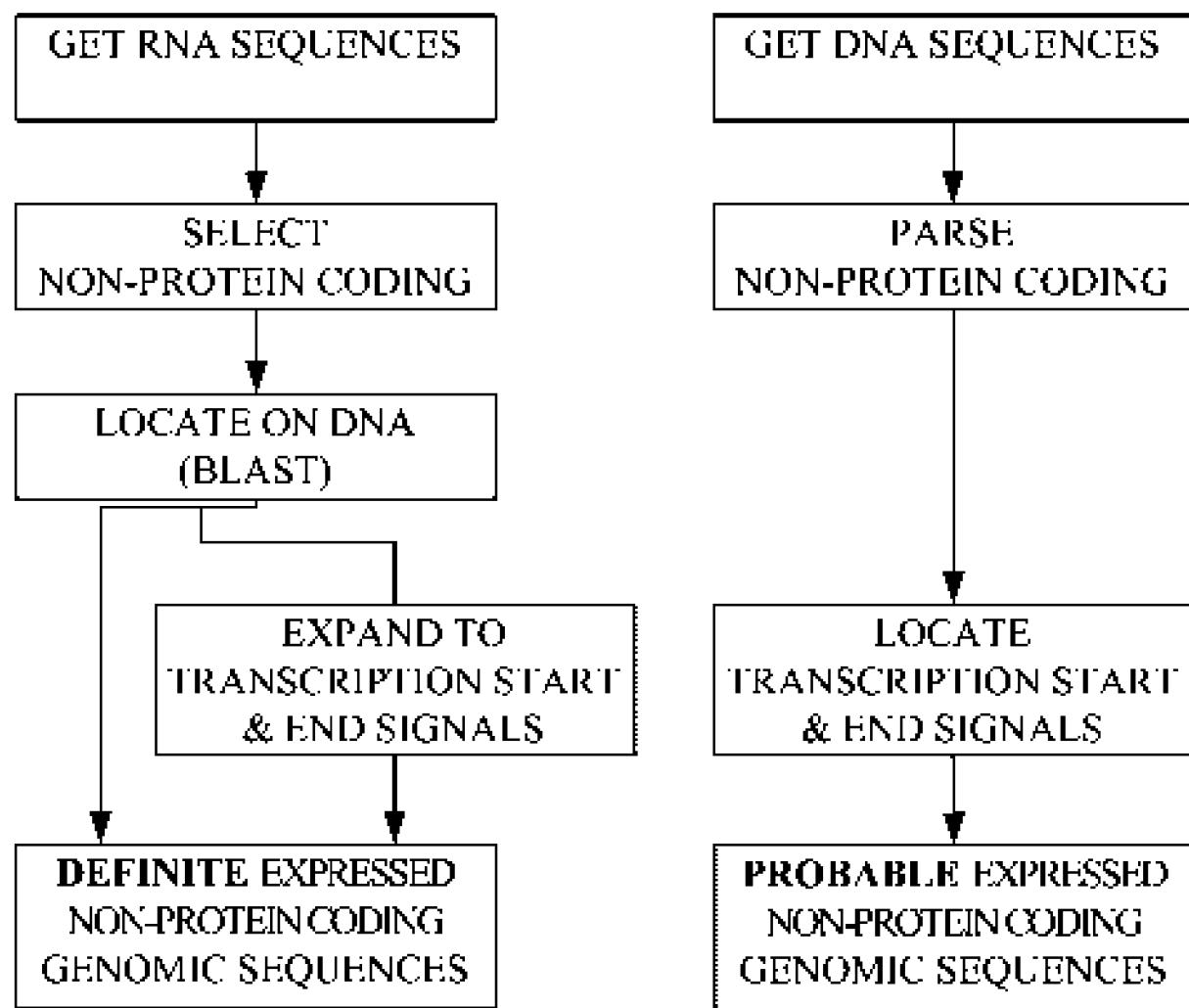


FIG. 5A

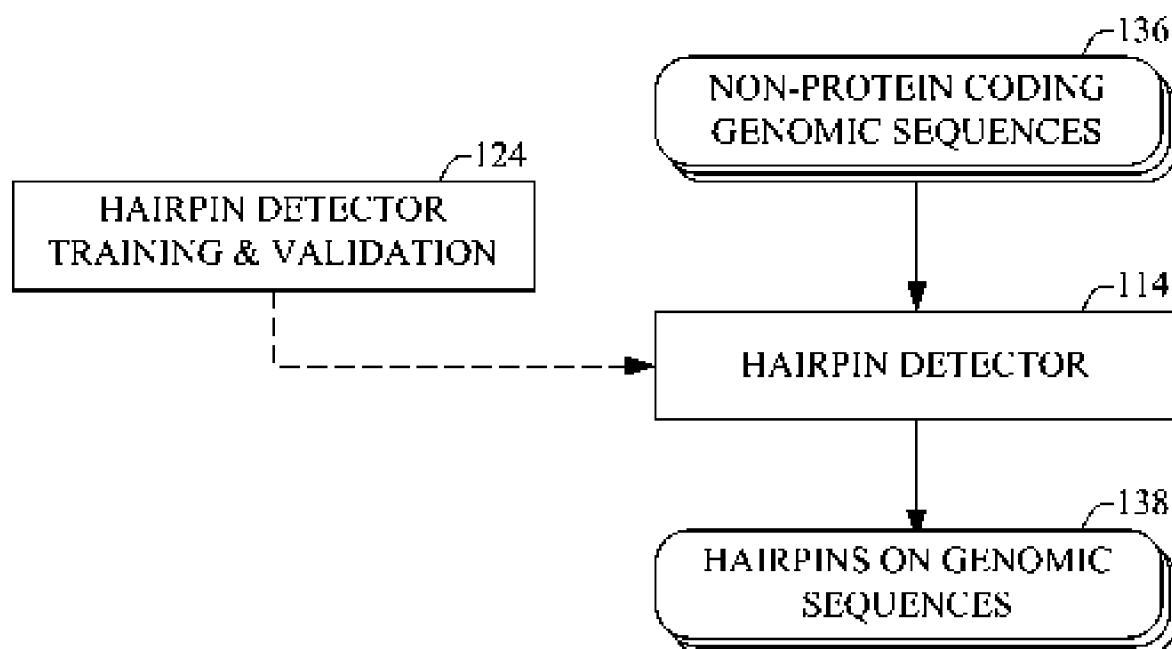
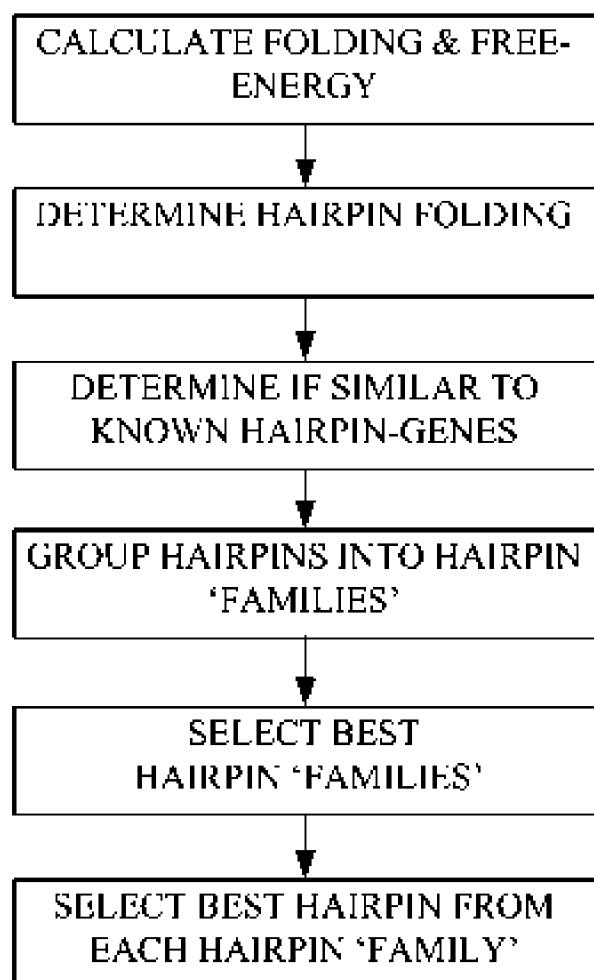
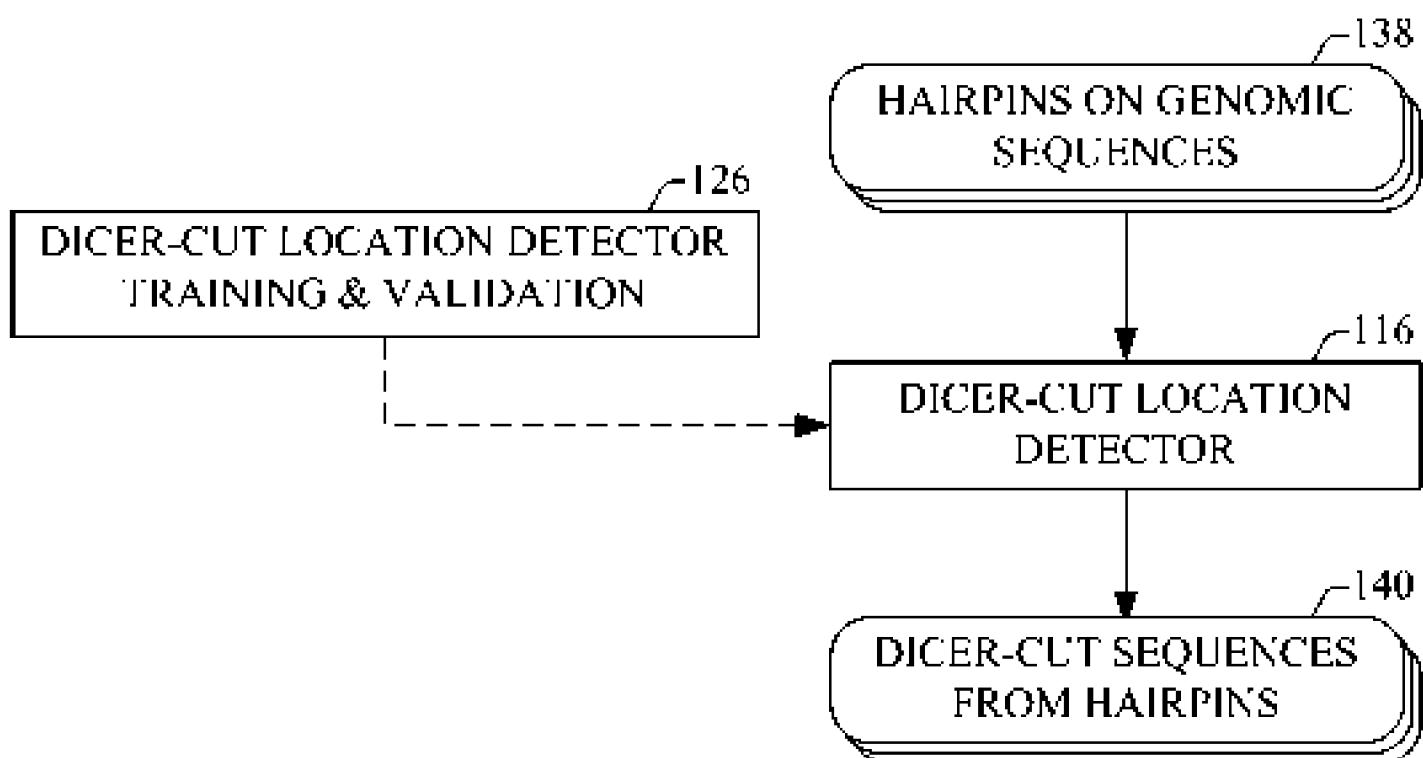


FIG. 5B



**FIG. 6A**



**FIG. 6B**

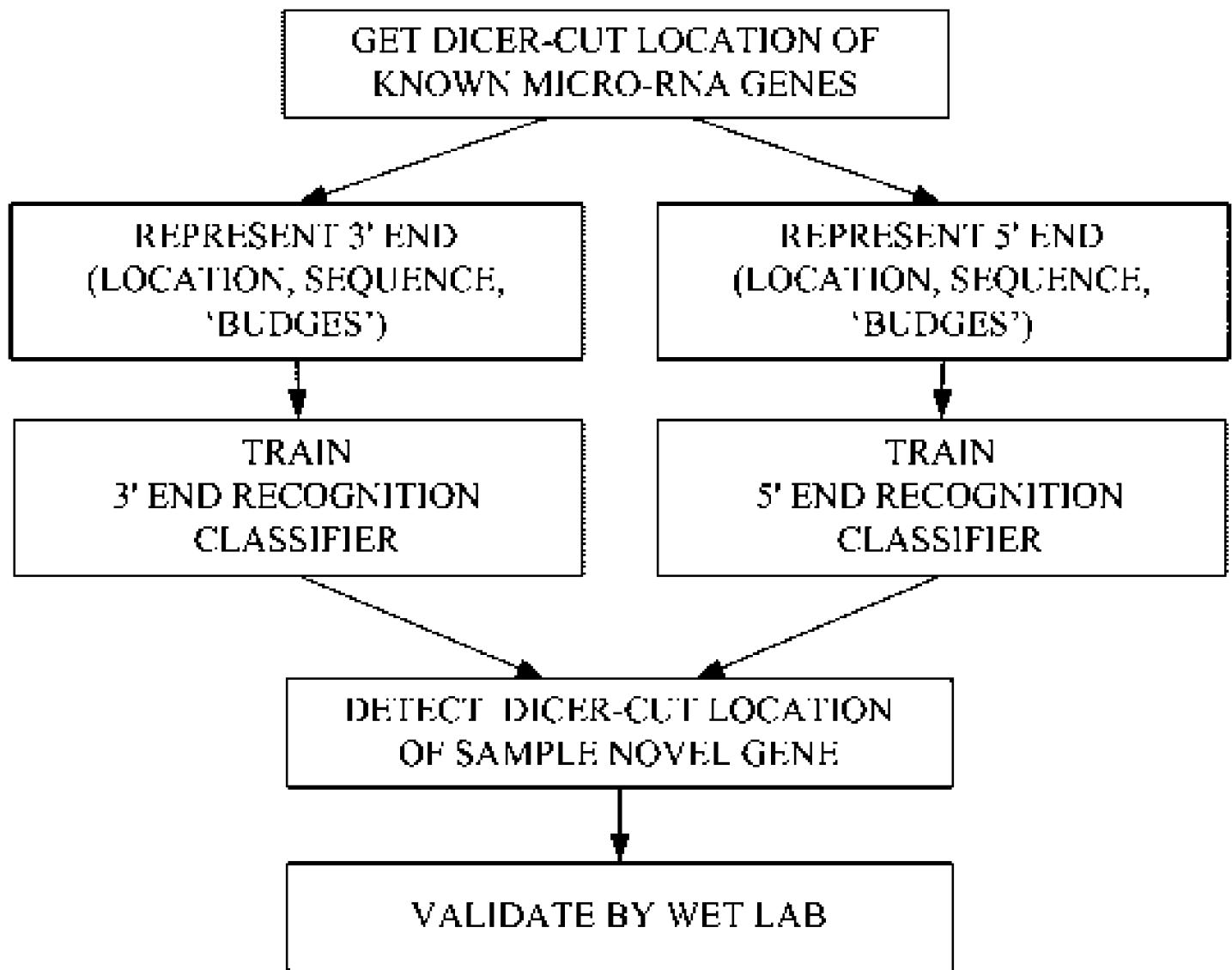


FIG. 6C

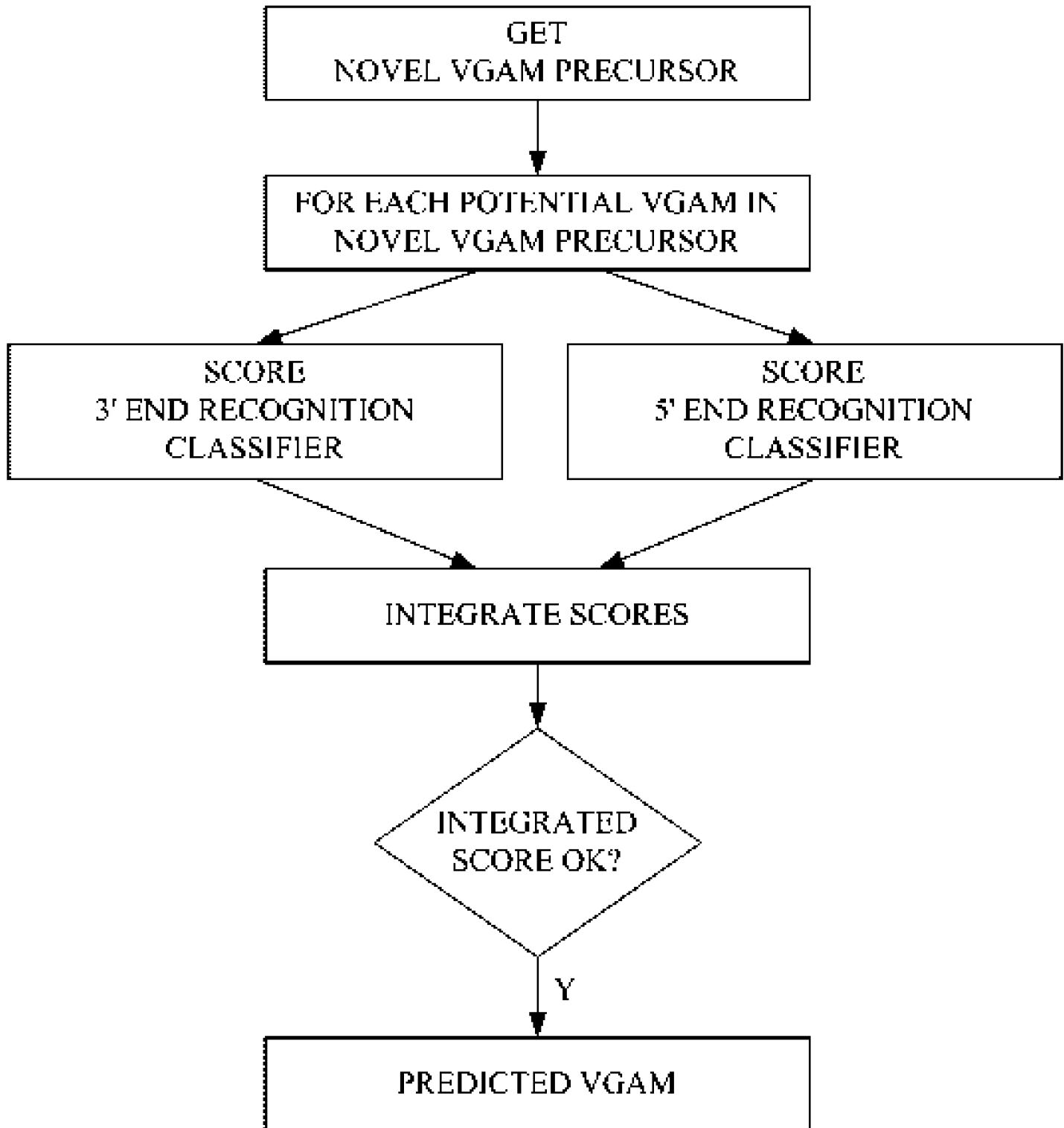


FIG. 7A

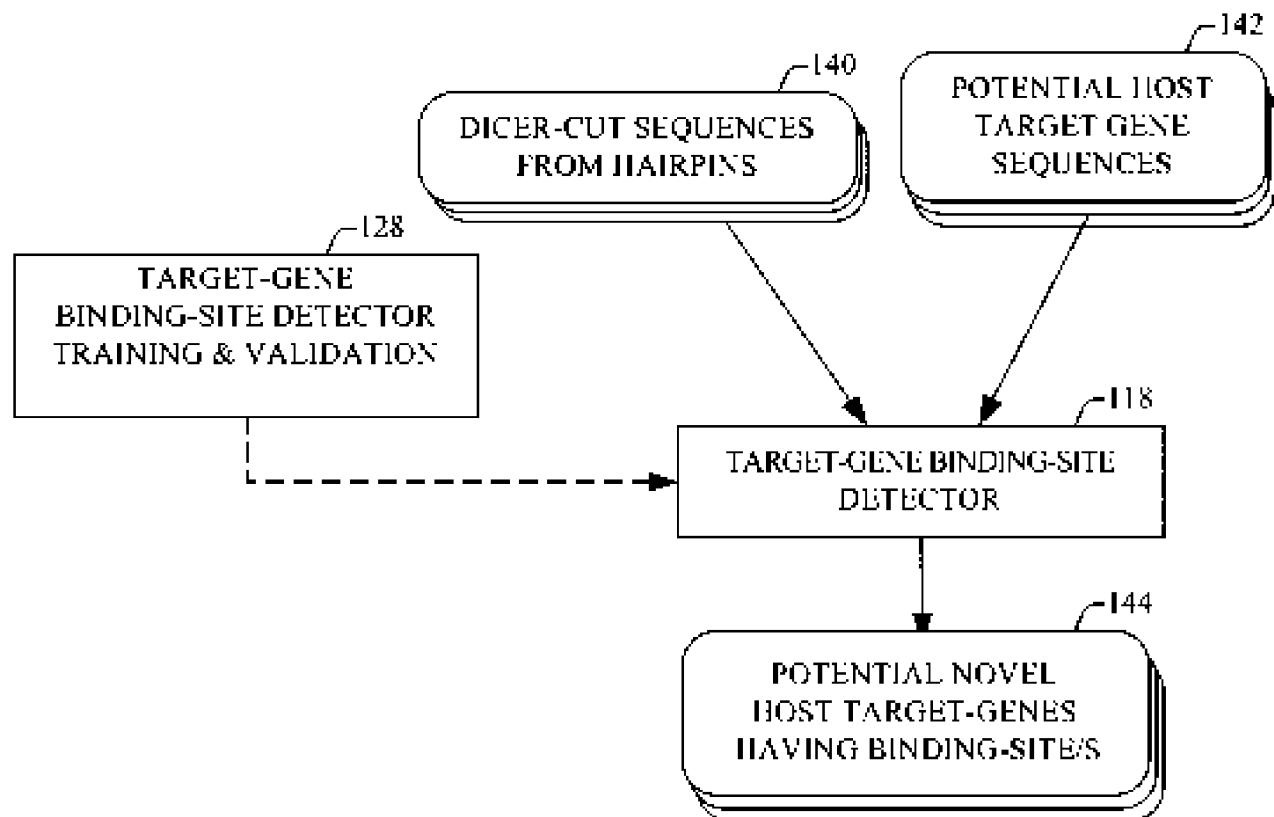
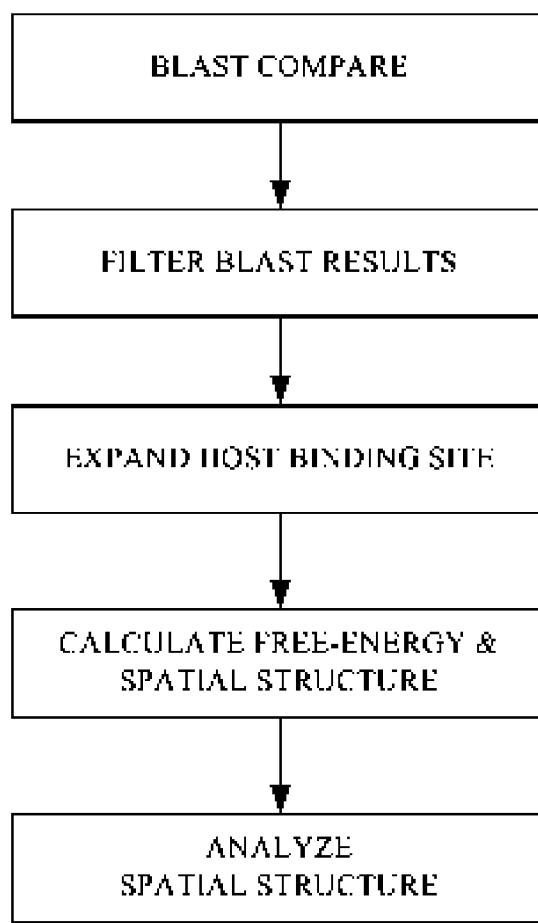


FIG. 7B



**FIG. 8**

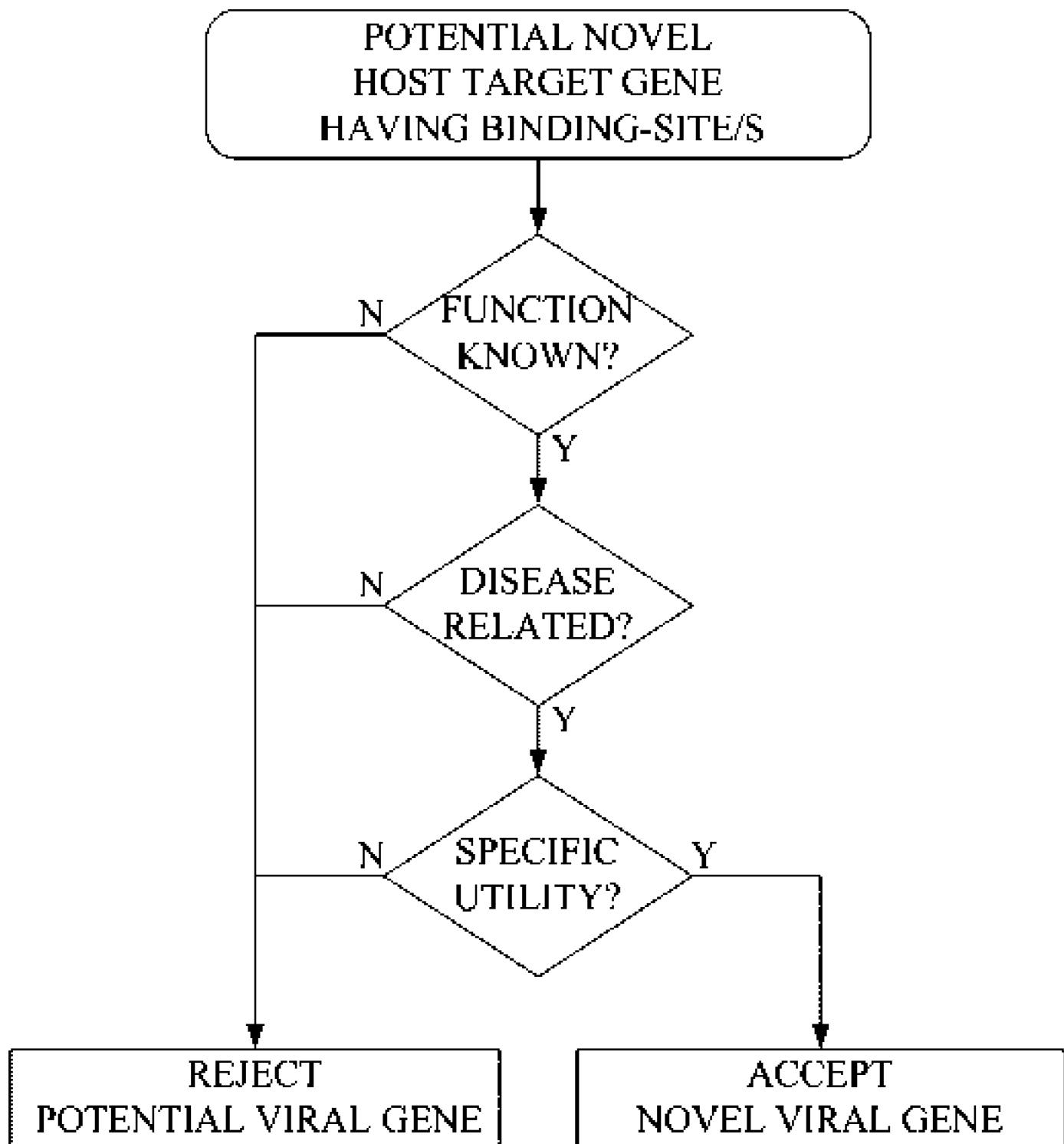
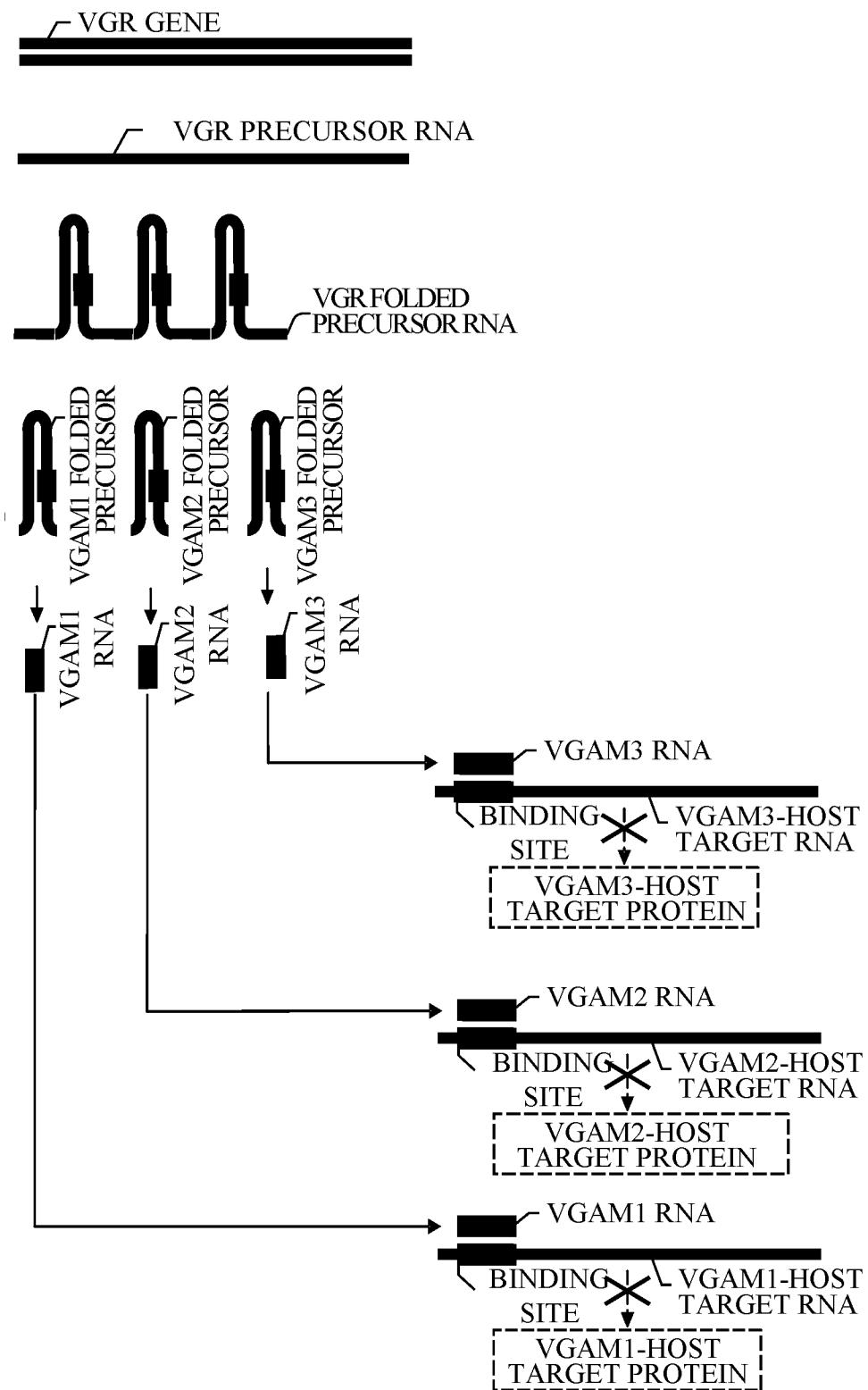
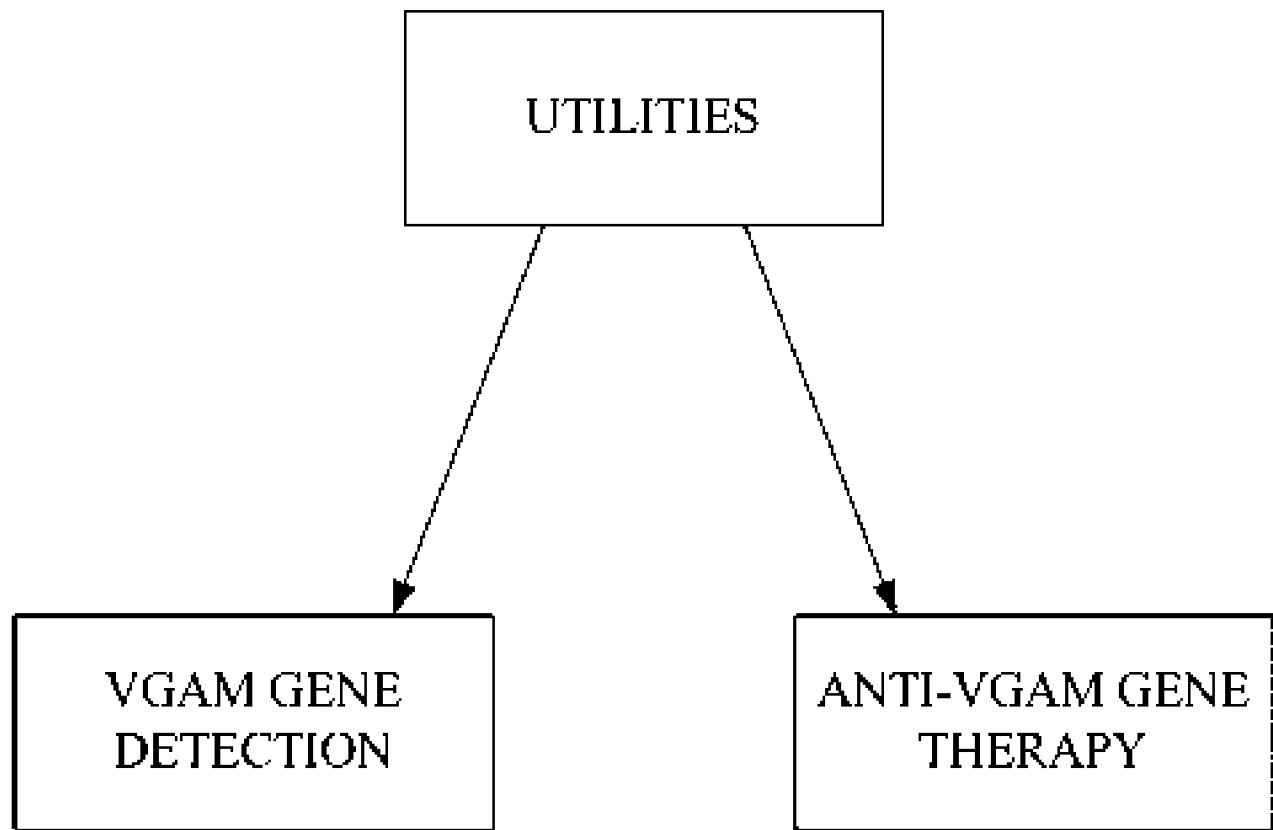


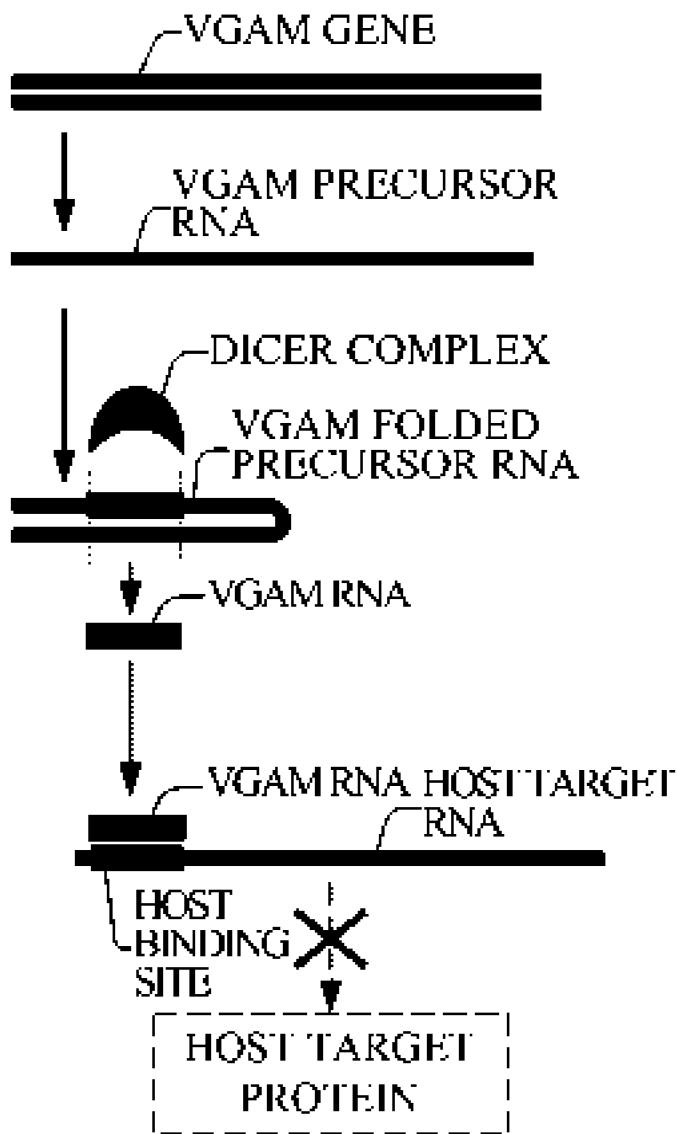
FIG. 9



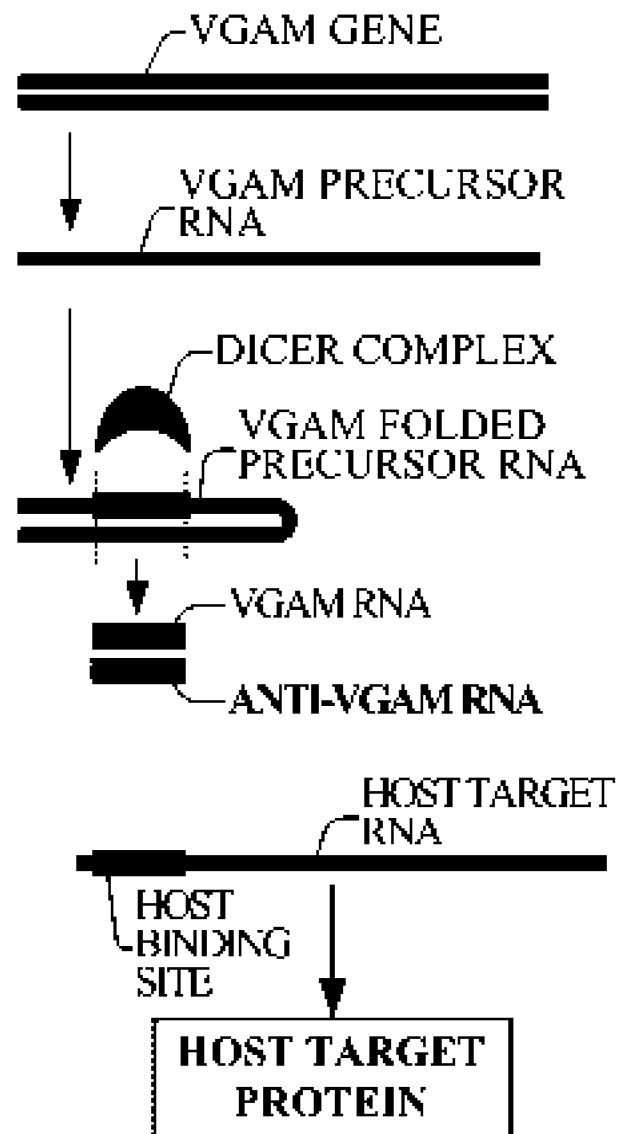
**FIG. 10**



**FIG. 11A**



**FIG. 11B**



EST72223 sequence:

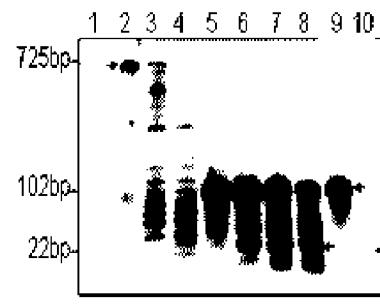
FIG. 12A

CCCTTATTAGAGGATTCTGCTCATGCCAGGGTGAGGTAGTAAGTTGT  
**ATTGTGTGGGTAGGGATATTAGGCCCAATTAGAAGATAACTAT**  
**ACAACCTTACTACTTCCCTGGTGTGGCATATTACACACTTAGTC**  
**GAAGTGTGGCCTCCATCAGACAAAGTTAGATGTTCCCTGGATAATT**  
**TGGACTGAAAGAAAAGAGACATGGAAAGGGACAGATGGTGTAGG**  
**GTGAGGGAGATGTCATTATAAAAGTGACTTGTCTTCAATTGGAGC**  
**ATATAATTATTTACCTTGGCATGAACCTCATTTGCTATTCTAAC**  
**TGTGTATGATTGCAATTAGTAATAGAACAGGAATGTGTGCAAG**  
**GGAAATGGAAAGCATACTTAAAGAATTGGGCCAGGCAGGGTGGTTC**  
**ATGCGCTGTAATCCCAGCATTTGGGAGGCCAGGGCGGGTGGATCA**  
**CCGAGGTAGGGAGTTGAGACCAACCTGGCCAACACGGGOGAAACC**  
**CCGCGCTCTACTCAAATACAAAAATTAGCCAGGCTTGGTGACACTCGC**  
**CTGTGGTCCCAGCTACTCAGGAGGCTGAGGCAGGAGAATTGCTTGA**  
**ACCCAGGAAGTGGAGGCTCAGTGAGCTGAGAACACGCCACTGCA**  
**CTCCAGTCCTGGCAACAGAGCAAGACTCTGTCAGGAAAAAAAAG**

MIR98

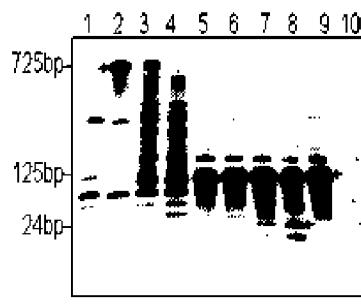
GAM24

FIG. 12B



	1	2	3	4	5	6	7	8	9	10
725bp	+	+	+	+	+	+	+	+	+	+
102bp	+	+	+	+	+	+	+	+	+	+
22bp	+	+	+	+	+	+	+	+	+	+

FIG. 12C

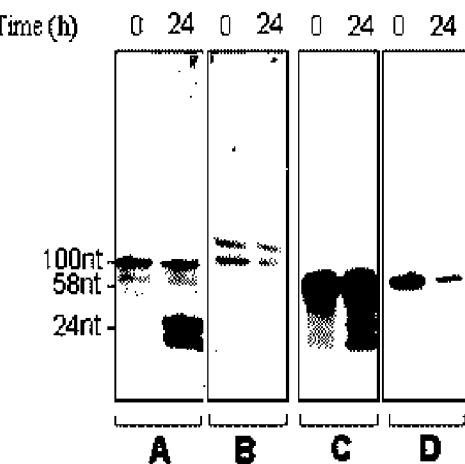


	1	2	3	4	5	6	7	8	9	10
725bp	+	+	+	+	+	+	+	+	+	+
125bp	+	+	+	+	+	+	+	+	+	+
24bp	+	+	+	+	+	+	+	+	+	+

MIR98

GAM24

FIG. 12D



Time (h) 0 24 0 24 0 24 0 24

100nt

58nt

24nt

A

B

C

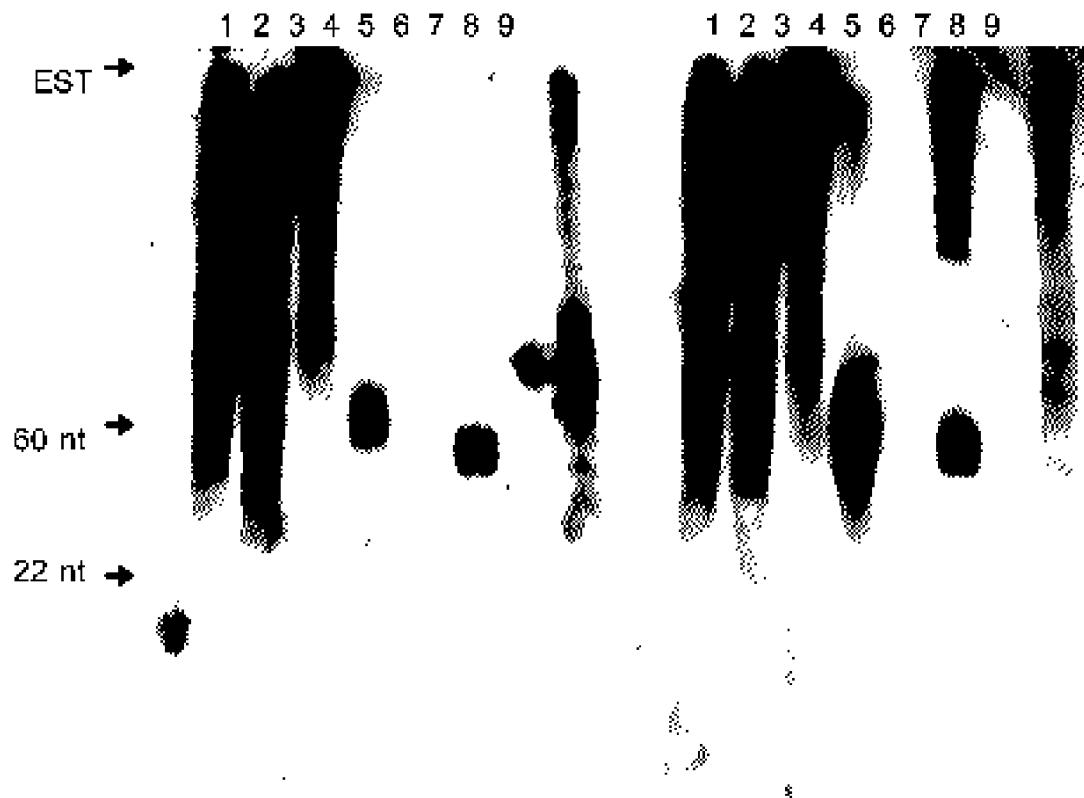
D

FIG. 13A

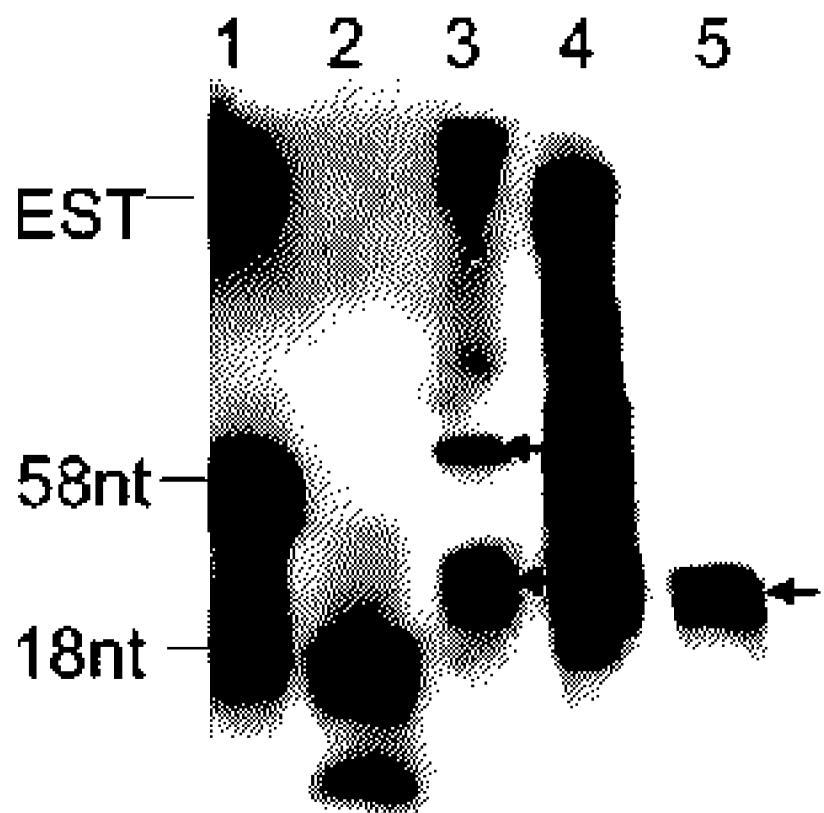
**dEST Id. 7929020 (Image4514344) sequence:**

SCAAAAAACTGGAAAGCATTCCCTTTGAAACACTGGCACAGAGACAGGGATGCCCTCT  
 CTCACCGGCTCTATTCAACATACTGTTGAAACTTCTGGCCACGGCAATTAGGCA  
 GGAGAAGGAAATAAAGGGTATTCAATTAGGAAAAGAGCAACTCAAATTGTTCT  
 GTTTGCAAGATGACATGATTGTATATCTAGAAGAACCCATTGTCAGCAGCCAAA  
 TCTCCTTAACCTGATAACCAACTTCACCCAAACTCTCAGGATACAAAATAATCT  
 ACAAAAAATCACAAGCATTCTTACACACCAACAGAAAAACAGAGCCAAATCA  
 TGAGTGAACCTCCATTCACATTGCTTCAAGAGAGATAAATACCTAGGAATCC  
 AACTTACAAGGGATGAAAGGACCTCTCAAGGAGAACTACAAAACCACTGCTCA  
 AGGAAATAAAAGAGGATACAAAACAAATGGAAGAACATTCCATGCTCATGGGTAG  
 GAAGNATCAATATTGTGAAATGCCATACTGCCAAGGTAAATTACAGATTCA  
 ATGCCATGCCATCAAGCTACCAATGACTTCTTACAGAATTGCAAAAAACTA  
 CTTTAAAGTTCATATGGAACCAAAAAAGAGCCGCATGCCAAGTCATCTAA  
GCCAAAAGAACAAAGCTGGAGGCATCACACTACCTGACTTCAAACTTACTACA **GAM23**  
AGGCTACACTAACCAAAACACCATCTACTGCTTACCAAAACACACATATACTC  
 AATGGAAACAGAACAGAGCCCTGAGAAATGACGCCAATACCTACAACTATCTGA  
 TCTTGTACAAACCTGAGAAACACGCAATGGGAAAGGATTCCCTATTAAATA  
 AATGGTGGTGGCAAAACTGACTAGCCATATCTAGAAAAGCTGAAACTGGATCCCT  
 TCCTTACACCTTATACAAAAATCAATTCAAGATGGATTAAAGATTAAACGTTA  
 GACCTAAACCATAAAAACCCCTAGAGAAACCTAGGCATTACCAATTGAGACA  
 TAGGCATGGGCAAGGACTTCATGTCAAAACACCAAAAGCAATGCCAACAAAAG  
 ACAAAATTGACAAATGGGATCTAATTAAACTAAAGCTTCTGCACAGCAAAAG  
 AACATACCATCTAGAGTGAACAGGCAACCTACAAAATGGGAGAAAATTTCGCAA  
CCTACTCATCTGACAAAGGGCTAATATCCACAATCTACAATGAACTCAAACAAA **GAM2**  
 TTTACAAAAAAAGAAAAAA **5**

FIG. 13B



**FIG. 13C**



**GAM25**

**FIG. 14A**

**dbEST Id. 1388749 (Image1020185) Sequence:**

ACTCCTATCAAACAGTGTAAAAGCATTCCTGTTCTCCATAATCTTGCAGCATCTT  
TTCATTTTTGCAATTATAGCCATTCTGACTGTTGTCAGATGGCTCTCATGTC  
TTTGATTTGCATTCTCAGATGATCAGTGAAGTTTTGTTGGCT  
TGCATGTATGCCTCTTGAAAAGTGTCTGTTGTCCTTGACCACTTCTAA  
TCCGCTTCACTTTTTCTGAAATTCTTAAACTTCCTGCTAGATGCTGGAT  
ATTAGACCTTGTCAAGATGGATAGAGTGCAAAATTCTCCATTCTGAGGTTG  
TCGGTTACTCTGTGATAGGTTCTTAATGCTGTGAGAAGCTTTAGTTAATT  
AGATCCCATTGTCATTTCGCTTTCTGCAATTGCTTTGCCATCTCCTCAT  
GAAATCTTGCCTTGCGCTGTGTCCTGAATGGCATTGCCTAGGTTTCTCAGGA  
TTTTATAGTTGGGTGAGATTAGTCTTAACTCCATCTGAGTTAACTTT  
CTATATGCCCTAACCAAGCCCCCCCCTTCAATTGCTGAAATGCCAGCCACTTC  
TCCCAGUACCATTTAAAGGGAAATCTTCCCCATTGCTTCTTGTAGG  
TTTGTCAAAGATCACATGGTGTAGGTGTGGTCTTATTTCTGGTTCTCATTC  
TCTCCATTGCCATGCCCTATGCCCTCTGCTACCAACTATGCTTTGCCATCCA  
TAGTCTTGTAGAATGTTGAAGCTGGGTAGCATGATGCCTCTAGCTTGTCTTCT  
TGCTAAGAAATGTCTTGGCTATTGGCTCTTTGGTCCATATGAATTAAA  
ATAGCTTTCTAGCTCTGAAACAATCTGAATACTACTTTAATGCCCTACCAATT  
TAATTACAGATTGCCTGGCAGTGTGGTCAATTGACGCCCTCCTG  
TCTGTGAGCATATGTTTCCATTGTTGTGTCATCTGATTTCTTGAATAAT  
**GGTTTATAGTTATCCTTGAAAGGTCTTCACTTTCTGTTAGCTGTATTCTTAG**  
**ATATTATACTCTTGTGGCAATTGTGAATGGGAGTTAATTGAGTTTCTCT**  
CGGCTTGCCTGTTGGTGTATAGGAATGCTAGTGAATTTGCACATTGATTG  
TATCCTGAGACTTCTGAAACTGCTTATCAGCTAACAACTTTGAGCTGAGATC  
ATGGAGTTCTAGATATAGGATCATATCATCTGCAAACAAAGATAGTTGACTTC  
CTGCTTCCTATTGAATAGCTTTCTTCTTCTGCTGATTGCCTGGTGA  
CAATTCTAAACTCTGCAATACCACTGCTGAGCTCCTGCCAA

**GAM**

**26**

**FIG. 14B**

1 2 3 4 5 6 7



**GAM26**